



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC16LF15385-I/PT

|                     |                                                                                                                                                                                                                        |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC16LF15385-I/PT                                                                                                                                                                                                      |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                                                                                                          |
| Product description | IC MCU 8BIT 14KB FLASH 48TQFP                                                                                                                                                                                          |
| Datasheets:         |  1.PIC16LF15385-I/PT.pdf<br> 2.PIC16LF15385-I/PT.pdf |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                           |
| Stock Condition     | 81292 pcs stock                                                                                                                                                                                                        |
| Ship From           | Hong Kong                                                                                                                                                                                                              |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                  |

REQUEST FOR QUOTATION

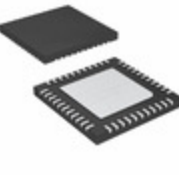
Specifications of PIC16LF15385-I/PT

|                                  |                                                                                                                                                                                                                            |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC16LF15385-I/PT                                                                                                                                                                                                          |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                              |
| DESCRIPTION                      | IC MCU 8BIT 14KB FLASH 48TQFP                                                                                                                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                 |
| QUANTITY AVAILABLE               | 81292 pcs                                                                                                                                                                                                                  |
| DATA SHEET                       |  1.PIC16LF15385-I/PT.pdf<br> 2.PIC16LF15385-I/PT.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V                                                                                                                                                                                                              |
| SUPPLIER DEVICE PACKAGE          | 48-TQFP (7x7)                                                                                                                                                                                                              |
| SPEED                            | 32MHz                                                                                                                                                                                                                      |
| SERIES                           | PIC® XLP™ 16F                                                                                                                                                                                                              |
| RAM SIZE                         | 1K x 8                                                                                                                                                                                                                     |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                      |
| PROGRAM MEMORY SIZE              | 14KB (8K x 14)                                                                                                                                                                                                             |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                                                                                                                                                                      |
| PACKAGING                        | Tray                                                                                                                                                                                                                       |
| PACKAGE / CASE                   | 48-TQFP                                                                                                                                                                                                                    |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                   |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                          |
| NUMBER OF I/O                    | 44                                                                                                                                                                                                                         |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                 |
| EEPROM SIZE                      | 224 x 8                                                                                                                                                                                                                    |
| DETAILED DESCRIPTION             | PIC PIC® XLP™ 16F Microcontroller IC 8-Bit 32MHz 14KB (8K x 14) FLASH 48-TQFP (7x7)                                                                                                                                        |
| DATA CONVERTERS                  | A/D 43x10b, D/A 1x5b                                                                                                                                                                                                       |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                      |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                        |
| CONNECTIVITY                     | I²C, LINbus, SPI, UART/USART                                                                                                                                                                                               |

Related Tags

|                                                 |                                        |                                                          |
|-------------------------------------------------|----------------------------------------|----------------------------------------------------------|
| Micrel / Microchip Technology PIC16LF15385-I/PT | PIC16LF15385-I/PT Distributor          | PIC16LF15385-I/PT Supplier                               |
| PIC16LF15385-I/PT Price                         | PIC16LF15385-I/PT Pictures             | PIC16LF15385-I/PT Image                                  |
| PIC16LF15385-I/PT PDF Datasheet                 | PIC16LF15385-I/PT Download Datasheet   | PIC16LF15385-I/PT Datasheet                              |
| PIC16LF15385-I/PT Stock                         | Buy PIC16LF15385-I/PT                  | Buy Micrel / Microchip Technology PIC16LF15385-I/PT      |
| Micrel / Microchip Technology PIC16LF15385-I/PT | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor                |
| Micrel / Microchip Technology PIC16LF15385-I/PT | Microchip Technology PIC16LF15385-I/PT | Roving Networks / Microchip Technology PIC16LF15385-I/PT |

Related Products

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| <div></div> <div><b>PIC16LF15386-E/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 28KB FLASH 28UQFN<br/>In stock: 67679 pcs</div> <div>RFQ</div>  | <div></div> <div><b>PIC16LF15386-E/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 28KB FLASH 48TQFP<br/>In stock: 74944 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>PIC16LF15385-E/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 48TQFP<br/>In stock: 73889 pcs</div> <div>RFQ</div>  | <div></div> <div><b>PIC16LF15376T-I/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 28KB FLASH 40UQFN<br/>In stock: 88850 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>PIC16LF15385-I/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 28UQFN<br/>In stock: 84560 pcs</div> <div>RFQ</div>  | <div></div> <div><b>PIC16LF15385-E/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 28UQFN<br/>In stock: 84331 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>PIC16LF15386-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 28KB FLASH 48TQFP<br/>In stock: 91553 pcs</div> <div>RFQ</div>  | <div></div> <div><b>PIC16LF15376T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 28KB FLASH 44TQFP<br/>In stock: 83861 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>PIC16LF15385T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 48TQFP<br/>In stock: 85005 pcs</div> <div>RFQ</div> | <div></div> <div><b>PIC16LF15386-I/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 28KB FLASH 28UQFN<br/>In stock: 92154 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>PIC16LF15376T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 28KB FLASH 44QFN<br/>In stock: 67033 pcs</div> <div>RFQ</div>  | <div></div> <div><b>PIC16LF15385T-I/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 48UQFN<br/>In stock: 83912 pcs</div> <div>RFQ</div> |